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February 1, 1999

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
The Portals
445 12th Street, SW
Washington, DC 20554

Re: ONA Installation and Maintenance Parity/Nondiscrimination Report for
Enhanced and Payphone Services

Dear Ms. Salas:

Pursuant to the FCC's Orders in CC Dockets 88-2 and 96-128, Bell Atlantic submits its ONA Installation and Maintenance Parity Reports for Enhanced Services and Payphone Services for the 4th quarter 1998.

Should you have any questions, please feel free to contact me at the above-listed number.

Sincerely,

A handwritten signature in cursive script, reading "Mary Liz Hepburn", followed by a horizontal line.

cc: Ms. Lisa Sockett
Ms. Janice Myles

No. of Copies rec'd 0
List A B C D E

MAINTENANCE ACTIVITIES WITH DUE DATES <*>
ALL OTHER CUSTOMERS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (HOURS)
*****	*****	*****	*****	*****
CATEGORY 1				
=====				
TYPE A - CIRCUIT SWITCHED LINE				
* Business Lines	268,167	30,605	11.41%	13.36
* PBX	18,264	2,861	15.66%	13.76
* CENTREX	110,392	15,787	14.30%	12.37
* WATS	244	47	19.26%	11.24
* Mobile	85	24	28.24%	18.91
* Feature Group A	0	0	N/A	N/A
* Foreign Exchange	1,803	290	16.08%	7.73
* Payphone Services	1,462	154	10.53%	23.62
TYPE B - CIRCUIT SWITCHED TRUNK				
=====				
* Feature Group B	N/A	N/A	N/A	N/A
* Feature Group D	N/A	N/A	N/A	N/A
* DID (Line and Trunk)	N/A	N/A	N/A	N/A
CATEGORY 2 - PACKET SWITCHED				
=====				
* Packet DDD Access Line	N/A	N/A	N/A	N/A
* Packet Synch. Access Line	N/A	N/A	N/A	N/A
* Packet Asynch. Access Line	N/A	N/A	N/A	N/A
CATEGORY 3 - TYPE A DEDICATED METALLIC				
=====				
* Protection Alarm	N/A	N/A	N/A	N/A
* Protective Relaying	N/A	N/A	N/A	N/A
* Control Circuit	N/A	N/A	N/A	N/A
TYPE B - DEDICATED TELEGRAPH GRADE				
=====				
* Telegraph Grade 75 Baud	N/A	N/A	N/A	N/A
* Telegraph Grade 150 Baud	N/A	N/A	N/A	N/A
TYPE C - DEDICATED VOICE GRADE				
=====				
* Voice - Non-Switched Line	N/A	N/A	N/A	N/A
* Voice - Switched Line	N/A	N/A	N/A	N/A
* Voice - Switched Trunk	N/A	N/A	N/A	N/A
* Voice & Tone - Radio Land Line	N/A	N/A	N/A	N/A
* Data Low Speed	N/A	N/A	N/A	N/A
* Basic Data & Voice	N/A	N/A	N/A	N/A

MAINTENANCE ACTIVITIES WITH DUE DATES <*>
ALL OTHER CUSTOMERS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (HOURS)
*****	*****	*****	*****	*****
* Voice & Data - PSN Access Tie TRK	N/A	N/A	N/A	N/A
* Voice & Data - SSN Access	N/A	N/A	N/A	N/A
* Voice & Data - SSN Intermach. TRK	N/A	N/A	N/A	N/A
* Data Extension, Voice Grade Data	N/A	N/A	N/A	N/A
* Protection Relay Voice Grade	N/A	N/A	N/A	N/A
* Dedicated Voice Grade - Telephoto & Facsimile	N/A	N/A	N/A	N/A
TYPE D - DEDICATED PROGRAM AUDIO				

* Program Audio 200-3500HZ	N/A	N/A	N/A	N/A
* Program Audio 100-5000 HZ	N/A	N/A	N/A	N/A
* Program Audio 50-8000 HZ	N/A	N/A	N/A	N/A
* Program Audio 50-15000 HZ	N/A	N/A	N/A	N/A
TYPE E - DEDICATED VIDEO				

* TV Channel, One Way 15kHz Audio	N/A	N/A	N/A	N/A
* TV Channel, One Way 5kHz Audio	N/A	N/A	N/A	N/A
TYPE F - DEDICATED DIGITAL(64 kbps)				

* Digital Voice Circuit	N/A	N/A	N/A	N/A
* Digital Data - 2.4kb/s	N/A	N/A	N/A	N/A
* Digital Data - 4.8kb/s	N/A	N/A	N/A	N/A
* Digital Data - 9.6kb/s	N/A	N/A	N/A	N/A
* Digital Data - 56kb/s	N/A	N/A	N/A	N/A
TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 MBPS)				

* Dedicated Digital - 1.544 MBPS	N/A	N/A	N/A	N/A
TYPE H - DEDICATED HIGH CAPACITY DIGITAL (>1.544 MBPS)				

* Dedicated Digital - 3.152 MBPS	N/A	N/A	N/A	N/A
* Dedicated Digital - 6.312 MBPS	N/A	N/A	N/A	N/A
* Dedicated Digital - 44.736 MBPS	N/A	N/A	N/A	N/A
* Dedicated Digital - 45 MBPS or >	N/A	N/A	N/A	N/A
TYPE I - DEDICATED ALERT TRANSPORT				

TYPE J - DEDICATED DERIVED CHANNEL	N/A	N/A	N/A	N/A

CATEGORY 4 - DEDICATED NETWORK ACCESS LINK (DNAL)	N/A	N/A	N/A	N/A

<*> Due dates are not assigned for Category 1, Type B through Category 4 which are marked N/A. See Maintenance Activities Without Due Dates Report.

MAINTENANCE ACTIVITIES WITH DUE DATES <*>
BOC AFFILIATED ESP
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (HOURS)
*****	*****	*****	*****	*****
CATEGORY 1				
=====				
TYPE A - CIRCUIT SWITCHED LINE				
* Business Lines	N/A	N/A	N/A	N/A
* PBX	N/A	N/A	N/A	N/A
* CENTREX	N/A	N/A	N/A	N/A
* WATS	N/A	N/A	N/A	N/A
* Mobile	N/A	N/A	N/A	N/A
* Feature Group A	N/A	N/A	N/A	N/A
* Foreign Exchange	N/A	N/A	N/A	N/A
* Payphone Services	3,662	212	5.79%	30.12

TYPE B - CIRCUIT SWITCHED TRUNK				
=====				
* Feature Group B	N/A	N/A	N/A	N/A
* Feature Group D	N/A	N/A	N/A	N/A
* DID (Line and Trunk)	N/A	N/A	N/A	N/A

CATEGORY 2 - PACKET SWITCHED				
=====				
* Packet DDD Access Line	N/A	N/A	N/A	N/A
* Packet Synch. Access Line	N/A	N/A	N/A	N/A
* Packet Asynch. Access Line	N/A	N/A	N/A	N/A

CATEGORY 3 - TYPE A				
DEDICATED METALLIC				
=====				
* Protection Alarm	N/A	N/A	N/A	N/A
* Protective Relaying	N/A	N/A	N/A	N/A
* Control Circuit	N/A	N/A	N/A	N/A

TYPE B - DEDICATED				
TELEGRAPH GRADE				
=====				
* Telegraph Grade 75 Baud	N/A	N/A	N/A	N/A
* Telegraph Grade 150 Baud	N/A	N/A	N/A	N/A

TYPE C - DEDICATED VOICE GRADE				
=====				
* Voice - Non-Switched Line	N/A	N/A	N/A	N/A
* Voice - Switched Line	N/A	N/A	N/A	N/A
* Voice - Switched Trunk	N/A	N/A	N/A	N/A
* Voice & Tone - Radio Land Line	N/A	N/A	N/A	N/A
* Data Low Speed	N/A	N/A	N/A	N/A
* Basic Data & Voice	N/A	N/A	N/A	N/A

MAINTENANCE ACTIVITIES WITH DUE DATES <*>
BOC AFFILIATED ESP
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (HOURS)
*****	*****	*****	*****	*****
* Voice & Data - PSN Access Tie TRK	N/A	N/A	N/A	N/A
* Voice & Data - SSN Access	N/A	N/A	N/A	N/A
* Voice & Data - SSN Internach. TRK	N/A	N/A	N/A	N/A
* Data Extension, Voice Grade Data	N/A	N/A	N/A	N/A
* Protection Relay Voice Grade	N/A	N/A	N/A	N/A
* Dedicated Voice Grade - Telephoto & Facsimile	N/A	N/A	N/A	N/A
TYPE D - DEDICATED PROGRAM AUDIO				
=====				
* Program Audio 200-3500HZ	N/A	N/A	N/A	N/A
* Program Audio 100-5000 HZ	N/A	N/A	N/A	N/A
* Program Audio 50-8000 HZ	N/A	N/A	N/A	N/A
* Program Audio 50-15000 HZ	N/A	N/A	N/A	N/A
TYPE E - DEDICATED VIDEO				
=====				
* TV Channel, One Way 15kHz Audio	N/A	N/A	N/A	N/A
* TV Channel, One Way 5kHz Audio	N/A	N/A	N/A	N/A
TYPE F - DEDICATED DIGITAL(64 kbps)				
=====				
* Digital Voice Circuit	N/A	N/A	N/A	N/A
* Digital Data - 2.4kb/s	N/A	N/A	N/A	N/A
* Digital Data - 4.8kb/s	N/A	N/A	N/A	N/A
* Digital Data - 9.6kb/s	N/A	N/A	N/A	N/A
* Digital Data - 56kb/s	N/A	N/A	N/A	N/A
TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 MBPS)				
=====				
* Dedicated Digital - 1.544 MBPS	N/A	N/A	N/A	N/A
TYPE H - DEDICATED HIGH CAPACITY DIGITAL (>1.544 MBPS)				
=====				
* Dedicated Digital - 3.152 MBPS	N/A	N/A	N/A	N/A
* Dedicated Digital - 6.312 MBPS	N/A	N/A	N/A	N/A
* Dedicated Digital - 44.736 MBPS	N/A	N/A	N/A	N/A
* Dedicated Digital - 45 MBPS or >	N/A	N/A	N/A	N/A
TYPE I - DEDICATED ALERT TRANSPORT	N/A	N/A	N/A	N/A
=====				
TYPE J - DEDICATED DERIVED CHANNEL	N/A	N/A	N/A	N/A
=====				
CATEGORY 4 - DEDICATED NETWORK ACCESS LINK (DNAL)	N/A	N/A	N/A	N/A
=====				
<*> Due dates are not assigned for Category 1, Type B through Category 4 which are marked N/A. See Maintenance Activities Without Due Dates Report.				

MAINTENANCE ACTIVITY WITHOUT DUE DATES
ALL OTHER CUSTOMERS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	AVERAGE INTERVAL (HOURS)
*****	*****	*****
CATEGORY 1		
=====		
TYPE A - CIRCUIT SWITCHED LINE		
* Business Lines	542	13.12
* PBX	3,558	17.63
* CENTREX	744	13.88
* WATS	33	16.58
* Mobile	5	7.20
* Feature Group A	392	10.68
* Foreign Exchange	2,125	14.32
* Payphone Services	0	N/A

TYPE B - CIRCUIT SWITCHED TRUNK		
=====		
* Feature Group B	5	1.87
* Feature Group D	118	6.96
* DID (Line and Trunk)	1,958	16.97

CATEGORY 2 - PACKET SWITCHED		
=====		
* Packet DDD Access Line	2,003	13.53
* Packet Synch. Access Line	492	8.28
* Packet Asynch. Access Line	533	7.44

CATEGORY 3 - TYPE A		
DEDICATED METALLIC		
=====		
* Protection Alarm	2,195	6.06
* Protective Relaying	17	23.88
* Control Circuit	376	15.25

TYPE B - DEDICATED		
TELEGRAPH GRADE		
=====		
* Telegraph Grade 75 Baud	0	0.00
* Telegraph Grade 150 Baud	0	0.00

TYPE C - DEDICATED VOICE GRADE		
=====		
* Voice - Non-Switched Line	2,903	7.20
* Voice - Switched Line	1,698	8.09
* Voice - Switched Trunk	262	51.15
* Voice & Tone - Radio Land Line	622	4.76
* Data Low Speed	2,609	10.54
* Basic Data & Voice	6,277	5.94

MAINTENANCE ACTIVITY WITHOUT DUE DATES
ALL OTHER CUSTOMERS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	AVERAGE INTERVAL (HOURS)
*****	*****	*****
* Voice & Data - PSN Access Tie TRK	473	8.30
* Voice & Data - SSN Access	667	9.66
* Voice & Data - SSN Intermach. TRK	3	10.00
* Data Extension, Voice Grade Data	570	6.47
* Protection Relay Voice Grade	415	4.20
* Dedicated Voice Grade - Telephoto & Facsimile	0	N/A
<hr/>		
TYPE D - DEDICATED PROGRAM AUDIO		
=====		
* Program Audio 200-3500HZ	51	13.20
* Program Audio 100-5000 HZ	34	9.68
* Program Audio 50-8000 HZ	57	10.16
* Program Audio 50-15000 HZ	125	8.95
<hr/>		
TYPE E - DEDICATED VIDEO		
=====		
* TV Channel, One Way 15kHz Audio	205	6.24
* TV Channel, One Way 5kHz Audio	20	4.75
<hr/>		
TYPE F - DEDICATED DIGITAL(64 kbps)		
=====		
* Digital Voice Circuit	898	3.61
* Digital Data - 2.4kb/s	499	5.88
* Digital Data - 4.8kb/s	75	6.04
* Digital Data - 9.6kb/s	4,972	7.16
* Digital Data - 56kb/s	8,222	6.45
<hr/>		
TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 MBPS)		
=====		
* Dedicated Digital - 1.544 MBPS	15,968	6.91
<hr/>		
TYPE H - DEDICATED HIGH CAPACITY DIGITAL (>1.544 MBPS)		
=====		
* Dedicated Digital - 3.152 MBPS	0	N/A
* Dedicated Digital - 6.312 MBPS	0	N/A
* Dedicated Digital - 44.736 MBPS	204	9.79
* Dedicated Digital - 45 MBPS or >	58	4.57
<hr/>		
TYPE I - DEDICATED ALERT TRANSPORT	0	N/A
=====		
TYPE J - DEDICATED DERIVED CHANNEL	0	N/A
=====		
CATEGORY 4 - DEDICATED NETWORK ACCESS LINK (DNAL)	1,189	16.08
=====		

MAINTENANCE ACTIVITIES WITHOUT DUE DATES
BOC AFFILIATED ESP
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	AVERAGE INTERVAL (HOURS)
*****	*****	*****
CATEGORY 1		
=====		
TYPE A - CIRCUIT SWITCHED LINE		
* Business Lines	0	N/A
* PBX	3	3.00
* CENTREX	0	N/A
* WATS	0	N/A
* Mobile	0	N/A
* Feature Group A	1	6.00
* Foreign Exchange	90	3.00
* Payphone Services	0	N/A

TYPE B - CIRCUIT SWITCHED TRUNK		
=====		
* Feature Group B	0	N/A
* Feature Group D	0	N/A
* DID (Line and Trunk)	0	N/A

CATEGORY 2 - PACKET SWITCHED		
=====		
* Packet DDD Access Line	0	N/A
* Packet Synch. Access Line	0	N/A
* Packet Asynch. Access Line	0	N/A

CATEGORY 3 - TYPE A		
DEDICATED METALLIC		
=====		
* Protection Alarm	0	N/A
* Protective Relaying	0	N/A
* Control Circuit	0	N/A

TYPE B - DEDICATED		
TELEGRAPH GRADE		
=====		
* Telegraph Grade 75 Baud	0	N/A
* Telegraph Grade 150 Baud	0	N/A

TYPE C - DEDICATED VOICE GRADE		
=====		
* Voice - Non-Switched Line	0	N/A
* Voice - Switched Line	0	N/A
* Voice - Switched Trunk	0	N/A
* Voice & Tone - Radio Land Line	0	N/A
* Data Low Speed	43	4.63
* Basic Data & Voice	0	N/A

MAINTENANCE ACTIVITIES WITHOUT DUE DATES
BOC AFFILIATED ESP
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	AVERAGE INTERVAL (HOURS)
*****	*****	*****
* Voice & Data - PSN Access Tie TRK	0	N/A
* Voice & Data - SSN Access	0	N/A
* Voice & Data - SSN Intermach. TRK	0	N/A
* Data Extension, Voice Grade Data	0	N/A
* Protection Relay Voice Grade	0	N/A
* Dedicated Voice Grade - Telephoto & Facsimile	0	N/A
<hr/>		
TYPE D - DEDICATED PROGRAM AUDIO		
=====		
* Program Audio 200-3500HZ	0	N/A
* Program Audio 100-5000 HZ	0	N/A
* Program Audio 50-8000 HZ	0	N/A
* Program Audio 50-15000 HZ	0	N/A
<hr/>		
TYPE E - DEDICATED VIDEO		
=====		
* TV Channel, One Way 15kHz Audio	0	N/A
* TV Channel, One Way 5kHz Audio	0	N/A
<hr/>		
TYPE F - DEDICATED DIGITAL(64 kbps)		
=====		
* Digital Voice Circuit	0	N/A
* Digital Data - 2.4kb/s	0	N/A
* Digital Data - 4.8kb/s	0	N/A
* Digital Data - 9.6kb/s	0	N/A
* Digital Data - 56kb/s	0	N/A
<hr/>		
TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 MBPS)		
=====		
* Dedicated Digital - 1.544 MBPS	7	4.14
<hr/>		
TYPE H - DEDICATED HIGH CAPACITY DIGITAL (>1.544 MBPS)		
=====		
* Dedicated Digital - 3.152 MBPS	0	N/A
* Dedicated Digital - 6.312 MBPS	0	N/A
* Dedicated Digital - 44.736 MBPS	0	N/A
* Dedicated Digital - 45 MBPS or >	0	N/A
<hr/>		
TYPE I - DEDICATED ALERT TRANSPORT	0	N/A
=====		
TYPE J - DEDICATED DERIVED CHANNEL	0	N/A
=====		
CATEGORY 4 - DEDICATED NETWORK ACCESS LINK (DNAL)	0	N/A
=====		

INSTALLATION REPORT - ALL OTHER CUSTOMERS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (DAYS)
*****	*****	*****	*****	*****
CATEGORY 1				
=====				
TYPE A - CIRCUIT SWITCHED LINE				
* Business Lines	721,718	18,341	2.54%	4.40
* PBX	19,683	451	2.29%	8.17
* CENTREX	90,311	1,537	1.70%	6.04
* WATS	4,270	35	0.82%	4.69
* Mobile	3,749	1	0.03%	2.33
* Feature Group A	940	56	5.96%	13.10
* Foreign Exchange	7,613	396	5.20%	16.50
* Payphone Services	6,948	849	12.22%	N/A

TYPE B - CIRCUIT SWITCHED TRUNK				
=====				
* Feature Group B	135	0	0.00%	19.02
* Feature Group D	88,616	4,319	4.87%	30.24
* DID (Line and Trunk)	622	29	4.66%	8.90

CATEGORY 2 - PACKET SWITCHED				
=====				
* Packet DDD Access Line	1	0	0.00%	15.00
* Packet Synch. Access Line	0	0	N/A	N/A
* Packet Asynch. Access Line	0	0	N/A	N/A

CATEGORY 3 - TYPE A				
DEDICATED METALLIC				
=====				
* Protection Alarm	1,497	49	3.27%	9.76
* Protective Relaying	77	0	0.00%	14.25
* Control Circuit	30	0	0.00%	7.97

TYPE B - DEDICATED				
TELEGRAPH GRADE				
=====				
* Telegraph Grade 75 Baud	51	5	9.80%	7.94
* Telegraph Grade 150 Baud	175	21	12.00%	18.07

TYPE C - DEDICATED VOICE GRADE				
=====				
* Voice - Non-Switched Line	5,242	79	1.51%	14.04
* Voice - Switched Line	3,153	98	3.11%	15.62
* Voice - Switched Trunk	616	11	1.79%	15.78
* Voice & Tone - Radio Land Line	473	17	3.59%	9.46
* Data Low Speed	340	14	4.12%	7.98
* Basic Data & Voice	7,098	275	3.87%	7.37

INSTALLATION REPORT - ALL OTHER CUSTOMERS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (DAYS)
*****	*****	*****	*****	*****
* Voice & Data - PSN Access Tie TRK	647	15	2.32%	15.79
* Voice & Data - SSN Access	15	0	0.00%	16.53
* Voice & Data - SSN Internach. TRK	0	0	N/A	N/A
* Data Extension, Voice Grade Data	617	15	2.43%	18.61
* Protection Relay Voice Grade	0	0	N/A	N/A
* Dedicated Voice Grade - Telephoto & Facsimile	0	0	N/A	N/A
TYPE D - DEDICATED PROGRAM AUDIO				

* Program Audio 200-3500HZ	26	1	3.85%	5.19
* Program Audio 100-5000 HZ	4	1	25.00%	8.75
* Program Audio 50-8000 HZ	24	4	16.67%	40.71
* Program Audio 50-15000 HZ	56	2	3.57%	29.18
TYPE E - DEDICATED VIDEO				

* TV Channel, One Way 15kHz Audio	621	16	2.58%	8.65
* TV Channel, One Way 5kHz Audio	1	0	0.00%	2.00
TYPE F - DEDICATED DIGITAL (64 kbps)				

* Digital Voice Circuit	63	8	12.70%	9.73
* Digital Data - 2.4kb/s	338	98	28.99%	87.85
* Digital Data - 4.8kb/s	131	32	24.43%	43.40
* Digital Data - 9.6kb/s	4,730	62	1.31%	12.48
* Digital Data - 56kb/s	15,594	636	4.08%	17.58
TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 MBPS)				

* Dedicated Digital - 1.544 MBPS	29,471	1,581	5.36%	25.10
TYPE H - DEDICATED HIGH CAPACITY DIGITAL (>1.544 MBPS)				

* Dedicated Digital - 3.152 MBPS	0	0	N/A	N/A
* Dedicated Digital - 6.312 MBPS	0	0	N/A	N/A
* Dedicated Digital - 44.736 MBPS	563	60	10.66%	35.66
* Dedicated Digital - 45 MBPS or >	54	1	1.85%	7.02
TYPE I - DEDICATED ALERT TRANSPORT	0	0	N/A	N/A

TYPE J - DEDICATED DERIVED CHANNEL	0	0	N/A	N/A

CATEGORY 4 - DEDICATED NETWORK ACCESS LINK (DNAL)	3	0	0.00%	28.00

INSTALLATION REPORT - BOC AFFILIATED ESP OPERATIONS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (DAYS)
*****	*****	*****	*****	*****
CATEGORY 1				
=====				
TYPE A - CIRCUIT SWITCHED LINE				
* Business Lines	0	0	N/A	N/A
* PBX	0	0	N/A	N/A
* CENTREX	0	0	N/A	N/A
* WATS	0	0	N/A	N/A
* Mobile	0	0	N/A	N/A
* Feature Group A	70	0	0.00%	122.70
* Foreign Exchange	0	0	N/A	N/A
* Payphone Services	5,946	283	4.93%	N/A
TYPE B - CIRCUIT SWITCHED TRUNK				
=====				
* Feature Group B	0	0	N/A	N/A
* Feature Group D	0	0	N/A	N/A
* DID (Line and Trunk)	0	0	N/A	N/A
CATEGORY 2 - PACKET SWITCHED				
=====				
* Packet DDD Access Line	0	0	N/A	N/A
* Packet Synch. Access Line	0	0	N/A	N/A
* Packet Asynch. Access Line	0	0	N/A	N/A
CATEGORY 3 - TYPE A				
DEDICATED METALLIC				
=====				
* Protection Alarm	0	0	N/A	N/A
* Protective Relaying	0	0	N/A	N/A
* Control Circuit	0	0	N/A	N/A
TYPE B - DEDICATED				
TELEGRAPH GRADE				
=====				
* Telegraph Grade 75 Baud	0	0	N/A	N/A
* Telegraph Grade 150 Baud	0	0	N/A	N/A
TYPE C - DEDICATED VOICE GRADE				
=====				
* Voice - Non-Switched Line	0	0	N/A	N/A
* Voice - Switched Line	0	0	N/A	N/A
* Voice - Switched Trunk	0	0	N/A	N/A
* Voice & Tone - Radio Land Line	0	0	N/A	N/A
* Data Low Speed	0	0	N/A	N/A
* Basic Data & Voice	13	0	0.00%	9.92

INSTALLATION REPORT - BOC AFFILIATED ESP OPERATIONS
4TH QUARTER 1998

SERVICE CATEGORY	TOTAL ORDERS	DUE DATES MISSED	PERCENT DUE DATES MISSED	AVERAGE INTERVAL (DAYS)
*****	*****	*****	*****	*****
* Voice & Data - PSN Access Tie TRK	0	0	N/A	N/A
* Voice & Data - SSN Access	0	0	N/A	N/A
* Voice & Data - SSN Internach. TRK	0	0	N/A	N/A
* Data Extension, Voice Grade Data	0	0	N/A	N/A
* Protection Relay Voice Grade	0	0	N/A	N/A
* Dedicated Voice Grade - Telephoto & Facsimile	0	0	N/A	N/A
<hr/>				
TYPE D - DEDICATED PROGRAM AUDIO				
=====				
* Program Audio 200-3500HZ	0	0	N/A	N/A
* Program Audio 100-5000 HZ	0	0	N/A	N/A
* Program Audio 50-8000 HZ	0	0	N/A	N/A
* Program Audio 50-15000 HZ	0	0	N/A	N/A
<hr/>				
TYPE E - DEDICATED VIDEO				
=====				
* TV Channel, One Way 15kHz Audio	0	0	N/A	N/A
* TV Channel, One Way 5kHz Audio	0	0	N/A	N/A
<hr/>				
TYPE F - DEDICATED DIGITAL(64 kbps)				
=====				
* Digital Voice Circuit	0	0	N/A	N/A
* Digital Data - 2.4kb/s	0	0	N/A	N/A
* Digital Data - 4.8kb/s	0	0	N/A	N/A
* Digital Data - 9.6kb/s	0	0	N/A	N/A
* Digital Data - 56kb/s	0	0	N/A	N/A
<hr/>				
TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 MBPS)				
=====				
* Dedicated Digital - 1.544 MBPS	0	0	N/A	N/A
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TYPE H - DEDICATED HIGH CAPACITY DIGITAL (>1.544 MBPS)				
=====				
* Dedicated Digital - 3.152 MBPS	0	0	N/A	N/A
* Dedicated Digital - 6.312 MBPS	0	0	N/A	N/A
* Dedicated Digital - 44.736 MBPS	0	0	N/A	N/A
* Dedicated Digital - 45 MBPS or >	0	0	N/A	N/A
<hr/>				
TYPE I - DEDICATED ALERT TRANSPORT				
=====				
TYPE J - DEDICATED DERIVED CHANNEL				
=====				
CATEGORY 4 - DEDICATED NETWORK ACCESS LINK (DNAL)	0	0	N/A	N/A
=====				